**Grade 7 & 8 Science & Literacy Planning**

**Grade**: \_\_\_\_\_\_\_\_ **Unit**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**BE** **(attitudes, beliefs, CGE)** STSE connection OVE #1

**KNOW (content)** OVE #3 **DO (skills)** OVE #2

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**Big Ideas**: from science curriculum, connections to relationships, world issues, social justice& equity,

other subject areas

**Inquiry Questions:** essential questions for this unit, student inquiry questions...

**Opportunities for pre-assessment of knowledge and skills:**

**Designing With the End in Mind**

**Assessment “of” Learning:** Unit task, culminating performance task integrated with other subject area(s)...

**Inquiry Based Learning**

**Unit task breakdown:** what are the skills necessary to complete this task, what subtasks are involved...

**Teacher Demos: Student Inquiries:**

**Graphic Organizers to consider using:**

**Integration Opportunities:** (Geography, History, Language, The Arts, Virtues, Religion/Family Life...) see literacy curriculum map

**Literacy Supports:** (Reading, Writing, Oral, Media) see literacy curriculum map

**Organization of Literacy Supports in Pearson’s**

***Investigating Science & Technology textbooks***

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| **Chapter Grade 7 Grade 8** |
| **1 Previewing Text Features** |
| **2 Visualizing** |
| **3** *Letter to Editor Newspaper Article* |
| **4 Making Connections** |
| **5 Inferring** |
| **6** *Question & Answer Problem & Solution* |
| **7 Making Predictions** |
| **8 Monitoring Comprehension** |
| **9** *Sequential/Procedural Compare & Contrast* |
| **10 Determining Importance** |
| **11 Asking Questions** |
| **12** *Cause & Effect Description* |

**Other resources I could use/integrate**: (e.g. The 10 magazines...)

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| The 10 Coolest Wonders of the Universe |  |
| The 10 Greatest Accidental Inventions |  |
| The 10 Most Amazing Bridges |  |
| The 10 Most Essential Elements |  |
| The 10 Most Revolutionary Inventions |  |
| The 10 Deadliest Plants |  |
| The 10 Greatest Threats to Earth |  |
| The 10 Most Essential Chemical Messengers |  |
| The 10 Most Extraordinary Medical Conditions |  |
| The 10 Most Revolting Parasites |  |
| The 10 Most Significant Medical Breakthroughs |  |
| The 10 Smartest Adaptations in Nature |  |

**Vocabulary specific to this unit:**

**Assessment Opportunities: “for” and “as” Learning:**